

MODULE IV - LIQUID THERMAL TREATMENT AREAS (LTTAs)
POST-CLOSURE CARE

IV.A. POST-CLOSURE CARE

The Permittee shall conduct all post-closure care activities in accordance with the approved post-closure plan as specified in this permit, and in compliance with R315-8-7.

The Permittee shall maintain and monitor the Liquid Thermal Treatment Areas (LTTAs), after completion of post-closure and corrective action activities, in compliance with R315-8-11.9 and R315-8-7 and this permit. The Permittee shall:

- IV.A.1. Maintain the integrity and effectiveness of the final cover in compliance with R315-7-21.4(b) and Attachments 2 and 3 of the permit, including making repairs to the cap as necessary to correct the effects of settling, subsidence, erosion or other events.
- IV.A.2. Maintain and monitor the groundwater monitoring system and the groundwater treatment and/or containment system in compliance with R315-8-11.5(b)(2) and R315-8-6 and Module V and Module VI of this permit.
- IV.A.3. Prevent run-on and run-off from eroding or otherwise damaging the final cover in compliance with R315-8-14.5(b)(4).
- IV.A.4. Prohibit post-closure use of the property which will disturb the integrity of the final cover, containment systems, or monitoring system in compliance with R315-8-7.
- IV.A.5. Protect and maintain surveyed benchmarks used in complying with R315-8-14.4.

IV.B. COST ESTIMATES FOR POST-CLOSURE

The Permittee's post-closure cost estimate shall be prepared in accordance with R315-8-8.

- IV.B.1. Within thirty (30) days of each anniversary of the effective date of the permit, the Permittee must adjust the post-closure cost estimate for inflation and submit a copy of that adjusted closure cost estimate to the Executive Secretary, and maintain the latest adjusted closure cost estimate in the Operating Record. For each new hazardous waste management unit placed into operation, an updated closure/post-closure cost estimate to the facility must be prepared which includes the new unit, sixty (60) days prior to waste being placed on or into the new unit.
- IV.B.1.a. Within thirty days of the effective date of this permit, the Permittee shall submit to the Executive Secretary for approval, a current Post-Closure Cost Estimate which shall include third-party cost estimates for all post-closure activities required by this permit.
- IV.B.2. The Permittee shall revise the closure cost estimate whenever there is a change in the facility's closure plan as required by R315-8-8.
- IV.B.3. The Permittee shall keep at the facility the latest closure cost estimate as required by R315-8-8. as part of the facility Operating Record.
- IV.C. FINANCIAL ASSURANCE FOR FACILITY CLOSURE
- The Permittee shall demonstrate continuous compliance with R315-8-8. by providing documentation of financial assurance, as required by R315-8-8. Changes in financial assurance mechanisms must be approved by the Executive Secretary pursuant to R315-8-8. at least sixty, (60) days prior to such a change.
- IV.D. LIABILITY REQUIREMENTS
- IV.D.1. The Permittee shall demonstrate continuous compliance with the requirements of R315-8-8., including the requirements to have and maintain hazardous waste liability coverage for sudden accidental occurrences in the amount of at least one (1) million U.S. dollars per occurrence with an annual aggregate of at least two (2) million U.S. dollars, exclusive of legal defense costs. The Permittee shall submit an

approvable certificate of hazardous waste liability insurance worded as required by R315-8-8. and a current ACCORD Form from the Permittee's insurance broker, each year prior to the date of the policy expiration or submit documents which comply with the requirements of 40 CFR 264.147 and 264.151 on financial test and/or corporate guarantees. Changes in liability coverage mechanisms must be approved by the Executive Secretary pursuant to R315-8-8. at least sixty (60) days prior to such a change.

- IV.D.2 The Permittee shall demonstrate continuous compliance with the requirements of 40 CFR 264.147(b) to have and maintain liability coverage for non-sudden accidental occurrences in the amount of at least \$3 million per occurrence, with an annual aggregate of at least \$6 million, exclusive of legal defense costs.

IV.E. INSPECTIONS

Inspections will be conducted during the post-closure care period in compliance with the procedures specified in Condition II.D. and as specified in Attachments 2 and 3. All records of inspections and remedial actions shall be retained in the Operating Record at Thiokol Facility, Box Elder County, Utah, throughout the post-closure care period. Any deterioration or malfunction discovered by an inspection will be remedied in compliance with R315-8-2.6(c).

IV.F. AMENDMENT OF PLAN

The Permittee shall amend the post-closure plan in accordance with R315-8-7. whenever necessary or when required to do so by the Executive Secretary.